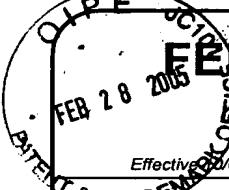


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# FEES TRANSMITTAL for FY 2005

Effective 01/01/2004. Patent fees are subject to annual revision.

 Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ 50.00)

| Complete if Known    |                    |
|----------------------|--------------------|
| Application Number   | 09/762,580         |
| Filing Date          | 2/9/01             |
| First Named Inventor | HOTIER et al.      |
| Examiner Name        | CINTINS, Ivars, C. |
| Art Unit             | 1724               |
| Attorney Docket No.  | PET-1913           |

## METHOD OF PAYMENT (check all that apply)

 Check    Credit card    Money    Other    None  
 Order
 Deposit Account:

Deposit Account Number 13-3402

Deposit Account Name Millen, White, Zelano & Branigan, P.C.

## The Director is authorized to: (check all that apply)

- 
- Charge fee(s) indicated below
- 
- Credit any overpayments
- 
- 
- Charge any additional fee(s) or any underpayment of fee(s)
- 
- 
- Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

## FEE CALCULATION

## 1. BASIC FILING FEE

| Large Entity |          | Small Entity |          | Fee Description        | Fee Paid |
|--------------|----------|--------------|----------|------------------------|----------|
| Fee Code     | Fee (\$) | Fee Code     | Fee (\$) |                        |          |
| 1001         | 790      | 2001         | 395      | Utility filing fee     |          |
| 1002         | 350      | 2002         | 175      | Design filing fee      |          |
| 1003         | 550      | 2003         | 275      | Plant filing fee       |          |
| 1004         | 790      | 2004         | 395      | Reissue filing fee     |          |
| 1005         | 160      | 2005         | 80       | Provisional filing fee |          |

SUBTOTAL (1)

(\$ 0)

## 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

| Total Claims       |   | Extra Claims |     | Fee from below |     | Fee Paid |  |  |
|--------------------|---|--------------|-----|----------------|-----|----------|--|--|
| Independent Claims | 2 | -3 **        | = 0 | X 200          | = 0 |          |  |  |
| Multiple Dependent |   |              |     | X              |     | = 0      |  |  |

| Large Entity |          | Small Entity |          | Fee Description  | Fee Paid |
|--------------|----------|--------------|----------|--|----------|
| Fee Code     | Fee (\$) | Fee Code     | Fee (\$) |  |          |
| 1202         | 18       | 2202         | 9        | Claims in excess of 20                                     |          |
| 1201         | 88       | 2201         | 44       | Independent claims in excess of 3                          |          |
| 1203         | 300      | 2203         | 150      | Multiple dependent claim, if not paid                      |          |
| 1204         | 88       | 2204         | 44       | ** Reissue independent claims over original patent         |          |
| 1205         | 18       | 2205         | 9        | ** Reissue claims in excess of 20 and over original patent |          |

SUBTOTAL (2)

(\$ 50.00)

\*\*or number previously paid, if greater; For Reissues, see above

## 3. ADDITIONAL FEES

| Large Entity | Small Entity | Fee Code | Fee (\$) | Fee Description  | Fee Paid |
|--------------|--------------|----------|----------|--|----------|
| 1051         | 130          | 2051     | 65       | Surcharge - late filing fee or oath  |          |
| 1052         | 50           | 2052     | 25       | Surcharge - late provisional filing fee or cover sheet                     |          |
| 1053         | 130          | 1053     | 130      | Non-English specification  |          |
| 1812         | 2,520        | 1812     | 2,520    | For filing a request for ex parte reexamination                            |          |
| 1804         | 920*         | 1804     | 920*     | Requesting publication of SIR prior to Examiner action                     |          |
| 1805         | 1,840*       | 1805     | 1,840*   | Requesting publication of SIR after Examiner action                        |          |
| 1251         | 110          | 2251     | 55       | Extension for reply within first month                                     |          |
| 1252         | 430          | 2252     | 215      | Extension for reply within second month                                    |          |
| 1253         | 980          | 2253     | 490      | Extension for reply within third month                                     |          |
| 1254         | 1,530        | 2254     | 765      | Extension for reply within fourth month                                    |          |
| 1255         | 2,080        | 2255     | 1,040    | Extension for reply within fifth month                                     |          |
| 1401         | 340          | 2401     | 170      | Notice of Appeal   |          |
| 1402         | 340          | 2402     | 170      | Filing a brief in support of an appeal                                     |          |
| 1403         | 300          | 2403     | 150      | Request for oral hearing   |          |
| 1451         | 1,510        | 1451     | 1,510    | Petition to institute a public use proceeding                              |          |
| 1452         | 110          | 2452     | 55       | Petition to revive – unavoidable   |          |
| 1453         | 1,330        | 2453     | 665      | Petition to revive – unintentional   |          |
| 1501         | 1,370        | 2501     | 685      | Utility issue fee (or reissue)   |          |
| 1502         | 490          | 2502     | 245      | Design issue fee   |          |
| 1503         | 660          | 2503     | 330      | Plant issue fee  |          |
| 1460         | 130          | 1460     | 130      | Petitions to the Commissioner  |          |
| 1807         | 50           | 1807     | 50       | Processing fee under 37 CFR 1.17 (q)                                       |          |
| 1806         | 180          | 1806     | 180      | Submission of Information Disclosure Stmt                                  |          |
| 8021         | 40           | 8021     | 40       | Recording each patent assignment per property (times number of properties) |          |
| 1809         | 790          | 2809     | 395      | Filing a submission after final rejection (37 CFR § 1.129(a))              |          |
| 1810         | 790          | 2810     | 395      | For each additional invention to be examined (37 CFR § 1.129(b))           |          |
| 1801         | 790          | 2801     | 395      | Request for Continued Examination (RCE)                                    |          |
| 1802         | 900          | 1802     | 900      | Request for expedited examination of a design application                  |          |

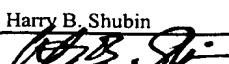
Other fee (specify) \_\_\_\_\_

\*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$ 0)

## SUBMITTED BY

Complete (if applicable)

|                   |   |                                   |        |           |                   |
|-------------------|---|-----------------------------------|--------|-----------|-------------------|
| Name (Print/Type) | Harry B. Shubin   | Registration No. (Attorney/Agent) | 32,004 | Telephone | (703) 812-5306    |
| Signature         |  |                                   |        | Date      | February 28, 2005 |

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This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Gerard HOTIER et al.

Examiner: Ivars C. Cintins

Serial No.: 09/762,580

Group Art Unit: 1724

Filed: February 9, 2001

Title: SYSTEM FOR INJECTING A DIVERSIFIED FLUID IN A SIMULATED  
MOVING BED SEPARATION PROCESS

**AMENDMENT AND REPLY**

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

**Amendments to the Claims** are reflected in the listing of claims which begins on page 2  
of this paper.

**Remarks/Arguments** begin on page 8 of this paper.

03/02/2005 AWONDAF1 00000033 09762580

01 FC:1202

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